

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/537, 787

Source: PCT

Date Processed by STIC: 06/14/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,787

TIME: 09:24:03

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\06142005\J537787.raw

5 <110> APPLICANT: Innogenetics N.V.  
 9 <120> TITLE OF INVENTION: Detection, Identification and Differentiation of Eubacterial  
 Taxa using a  
 10 Hybridization Assay  
 14 <130> FILE REFERENCE: EP 145  
 C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/537,787  
 C--> 20 <141> CURRENT FILING DATE: 2005-06-06  
 24 <160> NUMBER OF SEQ ID NOS: 70  
 28 <170> SOFTWARE: PatentIn version 3.1  
 32 <210> SEQ ID NO: 1  
 34 <211> LENGTH: 143  
 36 <212> TYPE: DNA  
 38 <213> ORGANISM: staphylococcus  
 42 <220> FEATURE:  
 44 <221> NAME/KEY: misc\_feature  
 46 <222> LOCATION: (141)..(141)  
 48 <223> OTHER INFORMATION: n represents a,t,c or g  
 52 <400> SEQUENCE: 1  
 53 tttgtacatt gaamactaga taagtaagta maatatagat tttaccargc aaaaccgagt 60  
 55 gaataaagrg ttttraayaa gcktgaattc ataasaaata atcgytagyg ttcgaragaa 120  
 W--> 57 cactcacaag wtaataack ngd 143  
 60 <210> SEQ ID NO: 2  
 62 <211> LENGTH: 143  
 64 <212> TYPE: DNA  
 66 <213> ORGANISM: staphylococcus  
 70 <400> SEQUENCE: 2  
 71 tttgtacatt gaaaactaga taagtaagta aaatatagat tttaccaagc aaaaccgagt 60  
 73 gaataaagag ttttaaataa gcttgaattc ataagaaata atcgctagtg ttcgaaagaa 120  
 75 cactcacaag attaataacg cgt 143  
 78 <210> SEQ ID NO: 3  
 80 <211> LENGTH: 63  
 82 <212> TYPE: DNA  
 84 <213> ORGANISM: staphylococcus  
 88 <400> SEQUENCE: 3  
 89 acgctcacat acggcttcgt tttcattatt ttaaagtctc atttacataa gtaaactctg 60  
 91 ctt 63  
 94 <210> SEQ ID NO: 4  
 96 <211> LENGTH: 69  
 98 <212> TYPE: DNA  
 100 <213> ORGANISM: staphylococcus  
 104 <400> SEQUENCE: 4  
 105 cttatgaatt caagcttatt taaaactctt tattcactcg gttttgcttg gtaaaatcta. 60  
 107 tatttttact 69  
 110 <210> SEQ ID NO: 5

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112 <211> LENGTH: 70
114 <212> TYPE: DNA
116 <213> ORGANISM: staphylococcus
120 <400> SEQUENCE: 5
121 cgaacactag cgattatttc ttatgaattc aagcttattt aaaactcttt attcactcgg 60
123 ttttgcttgg 70
126 <210> SEQ ID NO: 6
128 <211> LENGTH: 81
130 <212> TYPE: DNA
132 <213> ORGANISM: staphylococcus
136 <400> SEQUENCE: 6
137 ttataagtca aacgttaaca tgaagttacg ttcttttata aaaagattta aacgcgttat 60
139 taatcttgtag agtggtcttt c 81
142 <210> SEQ ID NO: 7
144 <211> LENGTH: 83
146 <212> TYPE: DNA
148 <213> ORGANISM: staphylococcus
152 <400> SEQUENCE: 7
153 tataagtcaa acgctcacat acggcttcgt tttcattatt ttaaagtctc atttacataa 60
155 gtaaactctg ctttaaaata att 83
158 <210> SEQ ID NO: 8
160 <211> LENGTH: 88
162 <212> TYPE: DNA
164 <213> ORGANISM: staphylococcus
168 <400> SEQUENCE: 8
169 cttattttaa actcttttatt cactcggttt tgcttggtaa aatctatatt ttacttactt 60
171 atctagtttt caatgtacaa ataatggt 88
174 <210> SEQ ID NO: 9
176 <211> LENGTH: 88
178 <212> TYPE: DNA
180 <213> ORGANISM: staphylococcus
184 <400> SEQUENCE: 9
185 attttaaact ctttattcac tcggttttgc ttggtaaaat ctatatttta cttacttatac 60
187 tagttttcaa tgtacaattt ctttttag 88
190 <210> SEQ ID NO: 10
192 <211> LENGTH: 89
194 <212> TYPE: DNA
196 <213> ORGANISM: staphylococcus
200 <400> SEQUENCE: 10
201 gtgagtgttc tttcgaacac tagcgattat ttcttatgaa ttcaagctta tttaaaactc 60
203 tttattcact cggttttgct tggtaaaat 89
206 <210> SEQ ID NO: 11
208 <211> LENGTH: 89
210 <212> TYPE: DNA
212 <213> ORGANISM: staphylococcus
216 <400> SEQUENCE: 11
217 attttaccaa gcaaaaccga gtgaataaag agttttaaat aagcttgaat tcataagaaa 60
219 taatcgctag tggtcgaaag aacactcac 89
222 <210> SEQ ID NO: 12

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Input Set : A:\PTO.SR.txt

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224 <211> LENGTH: 91
226 <212> TYPE: DNA
228 <213> ORGANISM: staphylococcus
232 <400> SEQUENCE: 12
233 tttaaacgcg ttattaatct tgtgagtgtt ctttcgaaca ctacgcgatta tttcttatga      60
235 attcaagctt atttaaaact ctttattcac t      91
238 <210> SEQ ID NO: 13
240 <211> LENGTH: 101
242 <212> TYPE: DNA
244 <213> ORGANISM: staphylococcus
248 <400> SEQUENCE: 13
249 tccaccattt ttataagtca aacgttaaca tgaagttacg ttcttttata aaaagattta      60
251 aacgcgttat taatcttgtg agtggtcttt cgaacactag c      101
254 <210> SEQ ID NO: 14
256 <211> LENGTH: 21
258 <212> TYPE: DNA
260 <213> ORGANISM: staphylococcus
264 <400> SEQUENCE: 14
265 agattttacc aagcaaaacc g      21
268 <210> SEQ ID NO: 15
270 <211> LENGTH: 21
272 <212> TYPE: DNA
274 <213> ORGANISM: staphylococcus
278 <400> SEQUENCE: 15
279 agattttacc aagcaaaacc g      21
282 <210> SEQ ID NO: 16
284 <211> LENGTH: 21
286 <212> TYPE: DNA
288 <213> ORGANISM: staphylococcus
292 <400> SEQUENCE: 16
293 aagcttgaat tcataagaaa t      21
296 <210> SEQ ID NO: 17
298 <211> LENGTH: 23
300 <212> TYPE: DNA
302 <213> ORGANISM: staphylococcus
306 <400> SEQUENCE: 17
307 ccgagtgaat aaagagtttt aaa      23
310 <210> SEQ ID NO: 18
312 <211> LENGTH: 24
314 <212> TYPE: DNA
316 <213> ORGANISM: staphylococcus
320 <400> SEQUENCE: 18
321 ccaagcaaaa ccgagtgaat aaag      24
324 <210> SEQ ID NO: 19
326 <211> LENGTH: 24
328 <212> TYPE: DNA
330 <213> ORGANISM: staphylococcus
334 <400> SEQUENCE: 19
335 gcttgaattc ataagaaata atcg      24

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Input Set : A:\PTO.SR.txt

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338 <210> SEQ ID NO: 20
340 <211> LENGTH: 25
342 <212> TYPE: DNA
344 <213> ORGANISM: staphylococcus
348 <400> SEQUENCE: 20
349 gaataaagag ttttaaataa gcttg                25
352 <210> SEQ ID NO: 21
354 <211> LENGTH: 27
356 <212> TYPE: DNA
358 <213> ORGANISM: staphylococcus
362 <400> SEQUENCE: 21
363 gtgaataaag agttttaaat aagcttg                27
366 <210> SEQ ID NO: 22
368 <211> LENGTH: 27
370 <212> TYPE: DNA
372 <213> ORGANISM: staphylococcus
376 <400> SEQUENCE: 22
377 aagcttgaat tcataagaaa taatcgc                27
380 <210> SEQ ID NO: 23
382 <211> LENGTH: 28
384 <212> TYPE: DNA
386 <213> ORGANISM: staphylococcus
390 <400> SEQUENCE: 23
391 cttggtaaaa tcttacttac ttatctag                28
394 <210> SEQ ID NO: 24
396 <211> LENGTH: 29
398 <212> TYPE: DNA
400 <213> ORGANISM: staphylococcus
404 <400> SEQUENCE: 24
405 aagcagagtt tacttatgta aatgagcat                29
408 <210> SEQ ID NO: 25
410 <211> LENGTH: 29
412 <212> TYPE: DNA
414 <213> ORGANISM: staphylococcus
418 <400> SEQUENCE: 25
419 taccaagcaa aaccgagtga ataaagagt                29
422 <210> SEQ ID NO: 26
424 <211> LENGTH: 29
426 <212> TYPE: DNA
428 <213> ORGANISM: staphylococcus
432 <400> SEQUENCE: 26
433 tttgtacatt gaaaactaga taagtaagt                29
436 <210> SEQ ID NO: 27
438 <211> LENGTH: 29
440 <212> TYPE: DNA
442 <213> ORGANISM: staphylococcus
446 <400> SEQUENCE: 27
447 gcaaaaccga gtgaataaag agttttaaa                29
450 <210> SEQ ID NO: 28

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## RAW SEQUENCE LISTING

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Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\06142005\J537787.raw

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452 <211> LENGTH: 30
454 <212> TYPE: DNA
456 <213> ORGANISM: staphylococcus
460 <400> SEQUENCE: 28
461 aagcttgaat tcataagaaa taatcgctag 30
464 <210> SEQ ID NO: 29
466 <211> LENGTH: 30
468 <212> TYPE: DNA
470 <213> ORGANISM: staphylococcus
474 <400> SEQUENCE: 29
475 agcaaaaccg agtgaataaa cagttttaaa 30
478 <210> SEQ ID NO: 30
480 <211> LENGTH: 31
482 <212> TYPE: DNA
484 <213> ORGANISM: staphylococcus
488 <400> SEQUENCE: 30
489 attgtacatt gaaaactaga taagtaagta a 31
492 <210> SEQ ID NO: 31
494 <211> LENGTH: 32
496 <212> TYPE: DNA
498 <213> ORGANISM: staphylococcus
502 <400> SEQUENCE: 31
503 agtggttcgaa agaacactca caagattaat aa 32
506 <210> SEQ ID NO: 32
508 <211> LENGTH: 32
510 <212> TYPE: DNA
512 <213> ORGANISM: staphylococcus
516 <400> SEQUENCE: 32
517 agcttattta aaactcttta ttcaactcggt tt 32
520 <210> SEQ ID NO: 33
522 <211> LENGTH: 33
524 <212> TYPE: DNA
526 <213> ORGANISM: staphylococcus
530 <400> SEQUENCE: 33
531 taaaataatg aaaacgaagc cgtatgtgag cgt 33
534 <210> SEQ ID NO: 34
536 <211> LENGTH: 33
538 <212> TYPE: DNA
540 <213> ORGANISM: staphylococcus
544 <400> SEQUENCE: 34
545 taaaataatg aaaacgaagc cgtatgtgag cgt 33
548 <210> SEQ ID NO: 35
550 <211> LENGTH: 33
552 <212> TYPE: DNA
554 <213> ORGANISM: staphylococcus
558 <400> SEQUENCE: 35
559 gaattcataa gaaataatcg ctagtggttcg aaa 33
562 <210> SEQ ID NO: 36
564 <211> LENGTH: 33

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/537,787

DATE: 06/14/2005  
TIME: 09:24:04

Input Set : A:\PTO.SR.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 141  
Seq#:48; N Pos. 3  
Seq#:54; N Pos. 1  
Seq#:62; N Pos. 1  
Seq#:70; N Pos. 3

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 9

**VERIFICATION SUMMARY**

DATE: 06/14/2005

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TIME: 09:24:04

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\06142005\J537787.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:120  
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
L:845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0  
L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0  
L:1089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0